

STEREO MOC Status Report
Time Period: 2009:327 - 2009:333

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 327, during the DSS 54 support, telemetry lock was lost intermittently starting at 0632z. This resulted in the loss of nine SSR telemetry frames affecting the IMPACT, PLASTIC, and SECCHI instruments. See DR# N105783 for more information.
- On day 333, during the DSS 55 support, telemetry lock was lost intermittently starting at 0721z. This resulted in the loss of 16 SSR telemetry frames affecting the IMPACT and SECCHI instruments. See DR# N105787 for more information.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On day 328, the 11th SECCHI stepped calibration, for the aphelion, was executed successfully.
- On day 329, the AHEAD S/C was at aphelion.
- The average daily SSR playback volume for Ahead was 6.1 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 328, during the DSS 55 support, the command bind was aborted at 1725z due to an exciter alarm. The MOC rebound to the station, no commands were lost. See DR# M105540 for more information.
- On day 330, during the DSS 34 support, turbo decoder lock was lost momentarily at 1028z when the antenna elevation brakes set during transition to commercial power. This resulted in the loss of 2027 SSR telemetry frames affecting all instruments. See DR# C107161 for more information.

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On day 327, the MOps permanent macro release 1.1 and Data Handling tables release 1.1 were loaded to C&DH EEPROM and RAM to support the new downlink rates 240 and 120 kbps for the extended science requirements.
- The average daily SSR playback volume for Behind was 6.1 Gbits during this week.